

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 24 Aug 2020 until 23:59 on Tuesday 25 Aug 2020

Forecast Issued on Sunday 23 Aug 2020 at 13:07

Confidence: High throughout, but moderate in extent and intensity of showers on Monday.

Headline for Monday 24 Aug 2020: Sunny spells and scattered heavy and perhaps thundery showers.

Mountain weather hazards on Monday 24 Aug 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy rain showers (night)	Light rain showers (night)	Cloudy	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
70%	40%	30%	30%	30%	40%	10%	00%

Forecast for Monday 24 Aug 2020

Weather: Rather cloudy through the early hours of Monday with further showery outbreaks of rain which will be heavy at times with the risk of thunder. Through the morning, showers may become less extensive with some bright or sunny spells developing, especially in the west. Despite this, there remains the risk of further heavy and perhaps thundery showers during the afternoon, these most likely over eastern ridges, with the best of the sunshine in the west. Through the evening, most places should become dry with plenty of sunshine.

Chance of cloud free mountain/hill tops above 600m: 30-50% improving to 70% with the poorest conditions across the east due to frequency of showers. The greatest chance of cloud free summits will be in the west.

Visibility: Generally excellent (30km) with far reaching ridges visible with detailed clarity. Showers will temporarily lower the visibility to between 3000m and 7km, reducing clarity on nearby ridges. Visibility on summits will be <100m when cloudy.

Forecast for Monday 24 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 W	6/10 NW	6/10 NW	8/13 W	8/14 W	8/14 NW	6/10 W	6/10 E	10/16 SE
300	6/13 W	4/9 NW	4/9 NW	6/12 NW	7/14 W	8/15 W	5/10 W	4/8 E	6/14 E
Valley	6/13 W	5/11 NW	3/8 N	6/12 W	7/14 W	6/13 W	4/9 SW	3/7 E	7/15 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	9/8	8/7	9/7	11/9	12/10	11/10	8/7	8/6
300	12/11	11/10	10/10	12/11	14/12	15/13	13/12	10/9	10/9
Valley	13/12	12/11	11/11	13/12	15/14	16/14	14/14	11/10	11/10
Freezing Level*	2200m	2100m	1900m	1800m	1900m	1900m	2000m	2000m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Sunshine is still strong in August, so sun cream will be essential with high UV expected, especially in the west.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 23 Aug 2020	7.6mm	33.6mm	41.6mm

Forecast for Tuesday 25 Aug 2020

Weather: Clear at first, but quickly becoming wet and very windy through the early hours of Tuesday, with outbreaks of heavy and persistent rain combined with gales lasting throughout.

Maximum wind: East-southeasterly 20-25mph, gusting 30-35mph, strengthening through the morning to 30-35mph, gusting 45-50mph. Winds will ease again through Tuesday evening to become 10-15mph, blowing from the southeast and then northwest by midnight.

Chance of cloud free mountain/hill tops above 600m: Generally 0-10% throughout with very limited breaks in the cloud over the summits.

Visibility: Often poor throughout with visibilities of 2000-5000m in rain and drizzle and <100m in fog caused by low cloud.

Temperature: **Valleys:** Plus 10 Celsius, rising to Plus 15 Celsius.
At 600m: Plus 9 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.